

Form approved.
(November 1983)
(formerly 9-330)

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O.C.O.

WELLS COMPLETION

UNITED STATES

SUBMIT IN DUPLICATE

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

NEW OIL CONS. COMMISSION
Drafter DD
Artesia, NM 88210

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

C/SF

5. LEASE DESIGNATION AND SERIAL NO.

Fed LC 050158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harbold

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

Empire Yates 7 Rivers

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 35 T17S R27E

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other

2. NAME OF OPERATOR

James Warren Hanson

3. ADDRESS OF OPERATOR

Rt, 1 Box 60 Artesia, N.M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 396' FNL & 2250' FWL Sec 35 T17S R27E

At top prod. interval reported below

At total depth

407'

14. PERMIT NO.

DATE ISSUED

4/11/85

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPUDDED

2/27/86

16. DATE T.D. REACHED

3/26/86

17. DATE COMPL. (Ready to prod.)

3/31/86

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3555 Gr

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

407'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Yates 402' to 407'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5 1/2"	17#	396'		150 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	394'	

31. PERFORATION RECORD (Interval, size and number)

Open Hole 394-407

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
402' to 407'	1000 gal. 15% acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/31/86		pumping				prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/1/86	24		→	1		5	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25#	0	→	1		5		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

ACCEPTED FOR RECORD TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Kathie Hanson

TITLE

Secretary

CARLSBAD, N.M.

DATE

4/11/86

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
	0	5	top soil			
	5	7	gyp			
	7	30	gyp & shale			
	30	50	gyp			
	50	60	gyp & anhy			
	60	90	gyp & anhy			
	90	110	gyp & blue shale			
	110	125	red sandy shale			
	125	139	gray shale			
	130	177	red sandy shale			
	177	182	red shale & anhy			
	182	185	red shale & gyp			
	185	190	shale & anhy			
	190	215	red anhy picked up water			
	215	245	anhy			
	245	260	anhy & gyp			
	260	285	anhy			
	285	305	anhy & shale			
	305	315	anhy			
	315	360	anhy & shale			
	360	375	anhy & gyp			
	375	380	anhy (hard)			
	380	390	anhy (pink)			
	390	395	anhy & blue shale			
	395	402	anhy (white)			
	402	407	sand & lime			